



# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)



CONFIRMATION NO. 7454

Bib Data Sheet

SERIAL NUMBER 10/075,054	FILING DATE 02/13/2002 RULE	CLASS 375	GROUP ART UNIT 2631	ATTORNEY DOCKET NO. BP 2003
-----------------------------	-----------------------------------	--------------	------------------------	-----------------------------------

**APPLICANTS**

Nabil R. Yousef, Foothill Ranch, CA;

**\*\* CONTINUING DATA \*\*\*\*\***

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 03/11/2002

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 18	TOTAL CLAIMS 69	INDEPENDENT CLAIMS 5
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

**ADDRESS**

Shayne X. Short, Ph.D.  
Garlick Harrison & Markison, LLP  
P.O. Box 160727  
Austin ,TX 78716-0727

**TITLE**

Channel estimation and/or equalization using repeated adaption

FILING FEE RECEIVED 1790	<p>FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> All Fees</li> <li><input type="checkbox"/> 1.16 Fees ( Filing )</li> <li><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )</li> <li><input type="checkbox"/> 1.18 Fees ( Issue )</li> <li><input type="checkbox"/> Other _____</li> <li><input type="checkbox"/> Credit</li> </ul>
-----------------------------	--